

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E10066

Employer : WA State Dept. of
Transportation

Worksite : WSDOT - Olympia Service Center

Street : 310 Maple Park Ave Se

Jurisdiction : City of Olympia

Survey Type : Online

Survey Date : 5/29/2017

Response Rate : 78%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 70.0%

Reported Total Employees at Worksite: 657

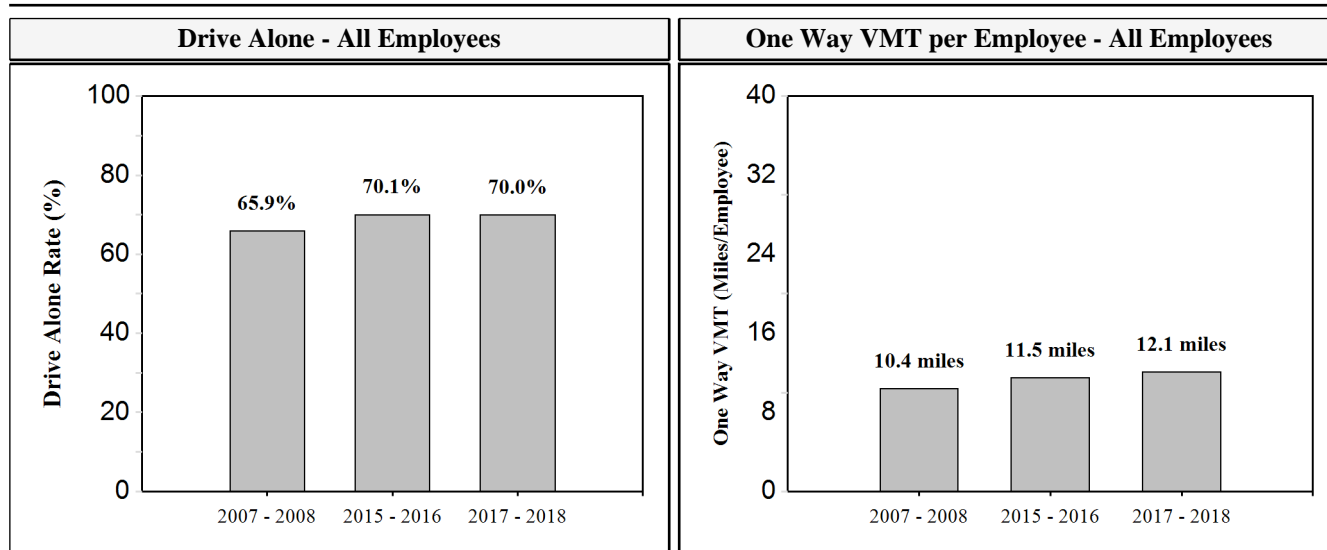
Surveys Distributed : 657

One-Way VMT per employee : 12.1

Surveys Returned : 510

Surveys Returned by CTR Affected Employees : 488

Total Estimated CTR - Affected Employees at Worksite : 629



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	65.9%	66.1%	10.4	10.5
2009 - 2010	69.7%	69.0%	10.9	10.7
2011 - 2012	68.4%	68.3%	10.9	10.9
2013 - 2014	65.8%	65.8%	10.8	10.8
2015 - 2016	70.1%	69.9%	11.5	11.7
2017 - 2018	70.0%	70.0%	12.1	12.1
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	6.2%	5.9%	16.3%	15.2%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2007 - 2008	2015 - 2016	2017 - 2018
Drive Alone - All Employees*	65.9%	70.1%	70.0%
Drive Alone - CTR Affected Employees*	66.1%	69.9%	70.0%
VMT/Employee - All Employees	10.4	11.5	12.1
VMT/Employee - CTR Affected Employees	10.5	11.7	12.1

* Drive alone rate includes one person motorcycles.

Congratulations! You achieved a survey response rate of 70% or higher on this survey. Fill-in comparison for previous surveys, if applicable, are included in the chart above.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2007 - 2008	2015 - 2016	2017 - 2018
Emissions for Surveyed Employees	1,202	1,066	1,307
Estimated Emissions for Total Employment	1,600	1,416	1,684

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2007 - 2008	2015 - 2016	2017 - 2018
Bus Annual Passenger Miles - Estimated for Total Employment	262,335	281,464	311,109
Bus Annual Passenger Miles - Surveyed Employees	197,100	212,000	241,500
Ferry Annual Passenger Miles - Estimated for Total Employment	0	18,322	27,182
Ferry Annual Passenger Miles - Surveyed Employees	0	13,800	21,100
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	0	929	61,320
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	0	700	47,600

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

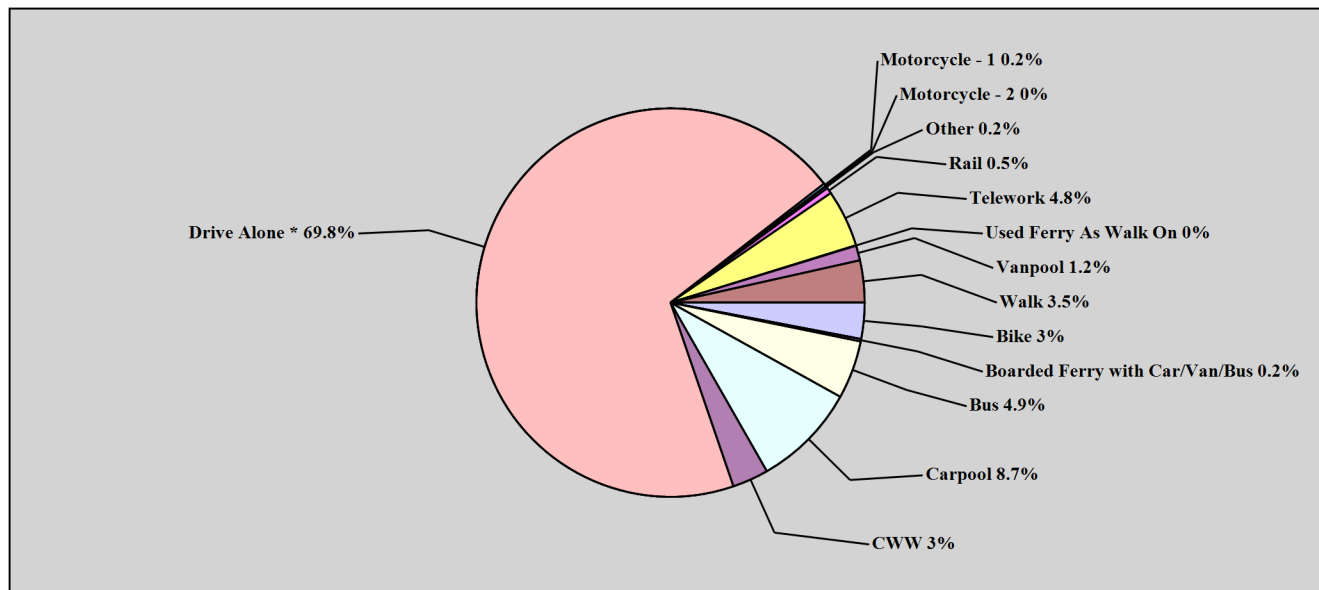
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 16.5 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



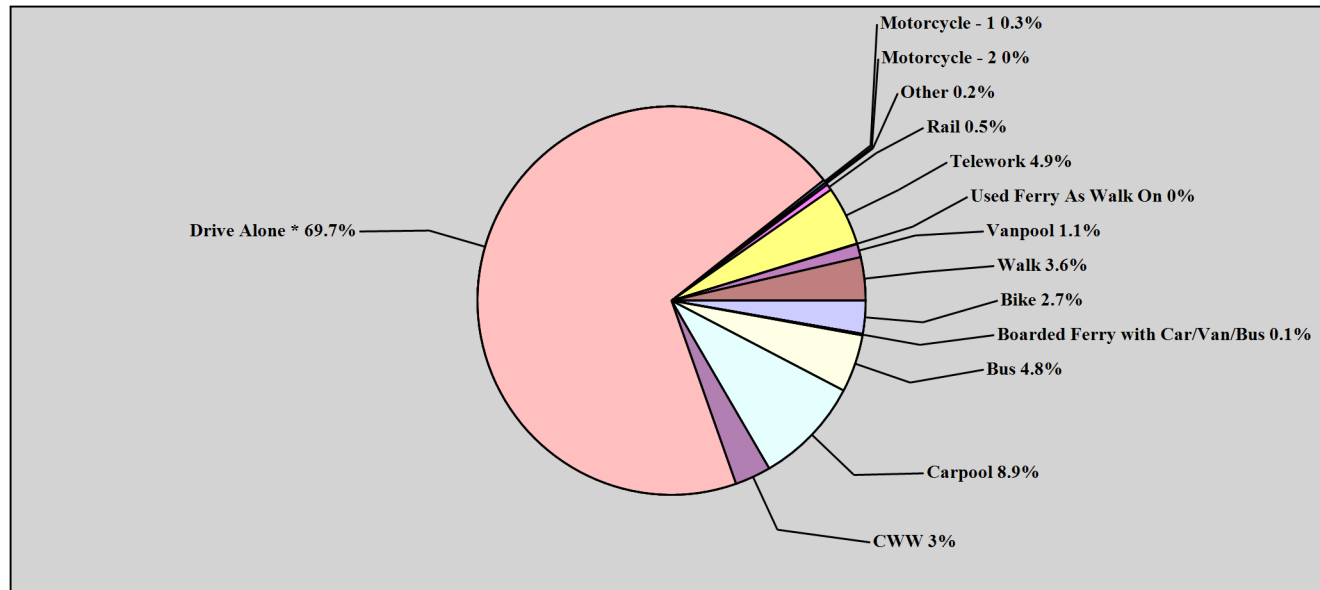
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,696	69.8%	69.1%	409	80.2%	78.3%
Carpool	211	8.7%	11.8%	63	12.4%	15.3%
Vanpool	30	1.2%	2.4%	8	1.6%	3.2%
Motorcycle - 1	6	0.2%	1.0%	3	0.6%	1.7%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.2%
Bus	118	4.9%	3.5%	35	6.9%	4.5%
Rail	12	0.5%	0.0%	5	1.0%	0.2%
Bike	73	3.0%	3.0%	28	5.5%	5.1%
Walk	85	3.5%	3.0%	23	4.5%	4.0%
Telework	116	4.8%	2.2%	75	14.7%	6.4%
CWW	73	3.0%	3.1%	69	13.5%	14.7%
Boarded Ferry with Car/Van/Bus	5	0.2%	0.0%	3	0.6%	0.0%
Used Ferry As Walk On	1	0.0%	0.1%	1	0.2%	0.4%
Other	5	0.2%	0.7%	2	0.4%	1.9%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,629	69.7%	68.8%	393	80.5%	78.3%
Carpool	209	8.9%	12.1%	62	12.7%	15.8%
Vanpool	26	1.1%	2.5%	7	1.4%	3.3%
Motorcycle - 1	6	0.3%	1.0%	3	0.6%	1.8%
Motorcycle - 2	0	0.0%	0.0%	0	0.0%	0.2%
Bus	112	4.8%	3.4%	32	6.6%	4.4%
Rail	12	0.5%	0.0%	5	1.0%	0.2%
Bike	64	2.7%	2.8%	24	4.9%	5.0%
Walk	84	3.6%	3.1%	22	4.5%	4.2%
Telework	115	4.9%	2.2%	74	15.2%	6.6%
CWW	70	3.0%	3.2%	66	13.5%	14.9%
Boarded Ferry with Car/Van/Bus	3	0.1%	0.0%	2	0.4%	0.0%
Used Ferry As Walk On	1	0.0%	0.1%	1	0.2%	0.4%
Other	5	0.2%	0.7%	2	0.4%	2.0%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	274	54%	510	100%
1 Days	78	15%	236	46%
2 Days	23	5%	158	31%
3 Days	18	4%	135	26%
4 Days	40	8%	117	23%
5 Days	72	14%	77	15%
6 or More Days	5	1%	5	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	142	55.7%	42	16.5%	13	5.1%	21	8.2%	0	0%	1	0.4%	18	7.1%	0	0%	63	24.7%
4 days a week (4/10s)	1	1.6%	37	57.8%	1	1.6%	10	15.6%	0	0%	1	1.6%	5	7.8%	1	1.6%	24	37.5%
3 days a week	1	33.3%	1	33.3%	0	0%	0	0%	0	0%	0	0%	1	33.3%	0	0%	1	33.3%
9 days in 2 weeks (9/80)	60	34.9%	63	36.6%	9	5.2%	14	8.1%	2	1.2%	5	2.9%	8	4.7%	0	0%	42	24.4%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	2	15.4%	4	30.8%	1	7.7%	1	7.7%	0	0%	1	7.7%	0	0%	0	0%	5	38.5%

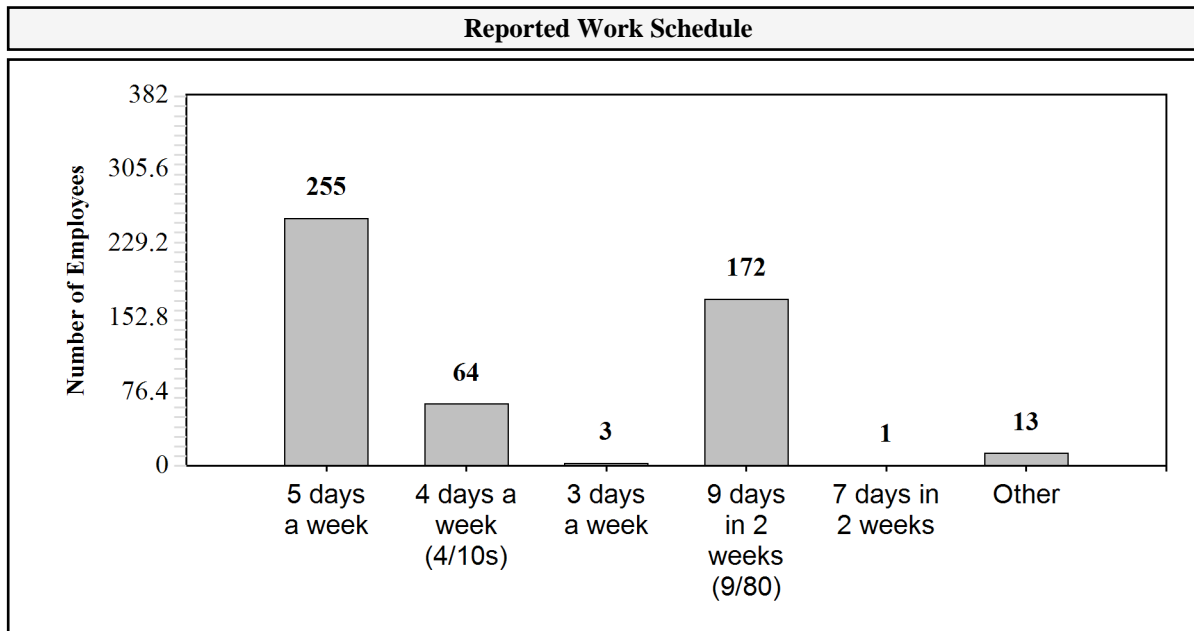
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	6
2	Motorcycle	0
2	Carpool	188
3	Carpool	20
4	Carpool	3
5	Carpool	0
>5	Carpool	0
<5	Vanpool	13
5	Vanpool	13
6	Vanpool	4
7	Vanpool	0
8	Vanpool	0
9	Vanpool	0
10	Vanpool	0
11	Vanpool	0
12	Vanpool	0
13	Vanpool	0
14	Vanpool	0
15	Vanpool	0

Reported Work Schedule - All Employees

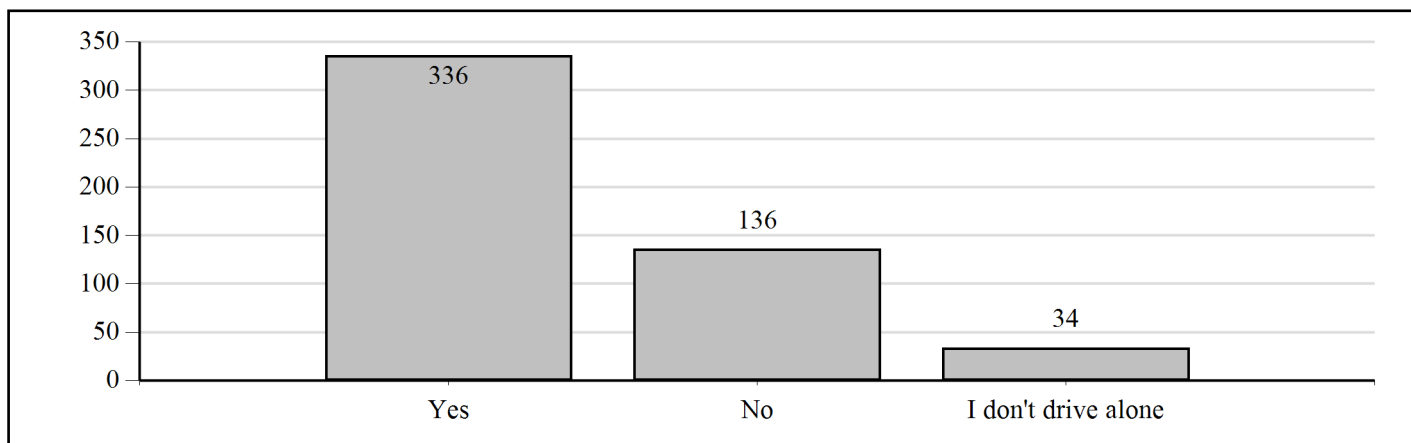
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	255	50.2%
4 days a week (4/10s)	64	12.6%
3 days a week	3	0.6%
9 days in 2 weeks (9/80)	172	33.9%
7 days in 2 weeks	1	0.2%
Other	13	2.6%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	3	0.6%
I don't telework	315	61.8%
Occasionally, on an as-needed basis	93	18.2%
1-2 days/month	31	6.1%
1 day/week	49	9.6%
2 days/week	14	2.7%
3 days/week	5	1.0%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save money	147	14.7%
Financial incentives for carpooling, bicycling or walking.	137	13.7%
I have the option of teleworking	128	12.8%
Personal health or well-being	125	12.5%
Environmental and community benefits	101	10.1%
Free or subsidized bus, train, vanpool pass or fare benefit	92	9.2%
Other	88	8.8%
Cost of parking or lack of parking	65	6.5%
Driving myself is not an option	40	4.0%
Emergency ride home is provided	35	3.5%
To save time using the HOV lane	18	1.8%
I receive a financial incentive for giving up my parking space	16	1.6%
Preferred/reserved carpool/vanpool parking is provided	6	0.6%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
I like the convenience of having my car	302	25.4%
Riding the bus or train is inconvenient or takes too long	287	24.1%
Family care or similar obligations	217	18.3%
Other	153	12.9%
My commute distance is too short	98	8.2%
Bicycling or walking isn't safe	86	7.2%
I need more information on alternative modes	21	1.8%
My job requires me to use my car for work	21	1.8%
There isn't any secure or covered bicycle parking	4	0.3%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	4	0	9	0	0	0	2	0	2	1
2	2	0	5	2	1	0	8	0	2	0
3	0	0	3	0	0	0	1	0	0	0
4	0	0	5	0	0	0	3	0	1	1
5	0	0	2	1	0	0	1	0	0	5
6	1	0	2	0	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0
8	0	1	7	1	0	0	3	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	5	1	0	1	1	0	0	1
11 or more	1	0	1	1	0	0	0	0	0	0
# Of Employees using Transit	9	1	39	7	1	1	19	0	5	8
Total One-Way Transit Trips Per Week	39	8	189	49	2	10	72	0	10	40

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	3	0	9	0	0	0	2	0	2	1
2	2	0	5	2	1	0	8	0	2	0
3	0	0	3	0	0	0	1	0	0	0
4	0	0	4	0	0	0	3	0	1	1
5	0	0	2	1	0	0	1	0	0	5
6	1	0	2	0	0	0	0	0	0	0
7	0	0	0	1	0	0	0	0	0	0
8	0	1	7	0	0	0	2	0	0	0
9	0	0	0	0	0	0	0	0	0	0
10	1	0	5	1	0	1	1	0	0	1
11 or more	1	0	1	1	0	0	0	0	0	0
# Of Employees using Transit	8	1	38	6	1	1	18	0	5	8
Total One-Way Transit Trips Per Week	38	8	185	41	2	10	64	0	10	40

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
	1	0.20%	5	0	0	0	0	0	0	0	0	1	0	0	0
97222	1	0.20%	7	0	0	0	0	0	0	0	0	0	0	0	0
98007	1	0.20%	0	0	0	0	5	0	0	0	0	0	0	0	0
98008	1	0.20%	0	0	0	0	3	0	2	0	0	0	0	0	0
98022	1	0.20%	1	1	0	0	0	1	0	0	0	1	0	0	0
98023	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	4	0.78%	15	1	0	0	0	0	0	0	4	0	0	0	0
98027	1	0.20%	1	1	0	0	1	0	1	0	1	0	0	0	0
98036	2	0.39%	5	5	0	0	0	0	0	0	0	0	0	0	0
98037	1	0.20%	0	0	0	0	4	0	0	0	0	0	0	0	0
98043	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98052	1	0.20%	0	0	0	0	5	0	0	0	0	0	0	0	0
98056	1	0.20%	0	0	5	0	0	0	0	0	0	0	0	0	0
98109	2	0.39%	0	0	0	0	0	0	0	10	0	1	0	0	0
98112	1	0.20%	0	0	0	0	0	0	1	0	3	0	0	0	0
98115	1	0.20%	0	0	0	0	2	0	0	0	0	0	0	0	0
98119	1	0.20%	0	0	4	0	0	0	0	0	0	0	0	0	0
98122	2	0.39%	0	0	0	0	5	0	0	3	0	0	0	0	0
98133	2	0.39%	4	0	0	0	3	0	0	0	1	1	0	0	0
98146	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98155	1	0.20%	3	0	0	0	0	0	0	0	0	0	1	0	0
98166	1	0.20%	4	0	0	0	0	0	0	0	0	1	0	0	0
98208	2	0.39%	5	0	0	0	5	0	0	0	0	0	0	0	0
98223	1	0.20%	0	0	0	0	0	4	0	0	0	1	0	0	0
98229	1	0.20%	0	0	0	0	0	0	0	0	4	0	0	0	0
98258	1	0.20%	0	4	0	0	0	0	0	0	0	0	0	0	0



98292	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98321	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98327	3	0.59%	14	0	0	0	0	0	0	0	1	0	0	0	0
98335	2	0.39%	8	0	0	0	0	0	0	0	0	0	0	0	0
98338	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98354	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98359	1	0.20%	3	0	0	0	0	0	0	0	2	0	0	0	0
98367	1	0.20%	2	0	0	0	0	0	0	0	2	0	0	1	0
98373	1	0.20%	0	0	0	0	5	0	0	0	0	0	0	0	0
98374	2	0.39%	5	0	0	0	4	0	0	0	0	1	0	0	0
98375	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98380	1	0.20%	1	0	0	0	0	0	0	0	1	1	2	0	0
98382	1	0.20%	2	0	0	0	0	0	0	0	3	0	0	0	0
98383	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98387	4	0.78%	12	1	0	0	8	0	0	0	1	0	0	0	0
98388	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98405	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98407	3	0.59%	9	0	0	0	0	4	0	0	0	1	0	0	0
98408	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98418	1	0.20%	1	0	3	0	0	0	0	0	0	1	0	0	0
98422	2	0.39%	1	0	3	0	5	0	0	0	0	0	0	0	0
98424	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98433	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98446	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	0
98465	2	0.39%	6	0	0	0	4	0	0	0	0	0	0	0	0
98466	4	0.78%	5	5	0	0	0	0	0	0	11	0	0	0	0
98498	2	0.39%	4	0	0	0	5	0	0	0	0	0	0	0	0
98499	2	0.39%	8	0	0	0	0	0	0	0	0	0	0	0	0
98501	95	18.63%	262	32	0	0	17	3	52	55	17	10	2	0	1
98502	54	10.59%	194	29	0	0	9	0	7	7	10	8	0	0	0
98503	33	6.47%	126	13	0	2	0	0	5	0	4	6	0	0	0
98504	2	0.39%	0	5	0	0	0	0	0	5	0	0	0	0	0
98506	26	5.10%	96	10	0	0	6	0	3	1	2	4	0	0	0
98512	49	9.61%	193	21	0	2	1	0	1	0	13	7	0	0	0
98513	33	6.47%	131	19	0	2	1	0	1	0	4	2	0	0	0
98516	26	5.10%	101	9	0	0	6	0	0	0	5	2	0	0	4
98520	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0



98531	7	1.37%	33	0	0	0	0	0	0	0	1	0	0	0	0
98532	7	1.37%	19	8	4	0	0	0	0	0	1	1	0	0	0
98537	2	0.39%	10	0	0	0	0	0	0	0	0	0	0	0	0
98541	4	0.78%	14	0	4	0	0	0	0	0	1	1	0	0	0
98546	1	0.20%	2	1	0	0	0	0	0	0	0	0	0	0	0
98556	1	0.20%	4	0	0	0	0	0	0	0	0	1	0	0	0
98557	2	0.39%	6	0	4	0	0	0	0	0	0	0	0	0	0
98563	4	0.78%	7	7	0	0	0	0	0	0	0	3	0	0	0
98568	2	0.39%	8	0	0	0	0	0	0	0	0	0	0	0	0
98570	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98572	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98576	6	1.18%	21	0	0	0	4	0	0	0	2	1	0	0	0
98579	15	2.94%	53	4	0	0	0	0	0	0	1	2	0	0	0
98580	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98584	15	2.94%	51	12	0	0	5	0	0	0	3	2	0	0	0
98589	9	1.76%	38	4	0	0	0	0	0	0	0	1	0	0	0
98591	1	0.20%	0	0	0	0	0	0	0	0	4	1	0	0	0
98592	2	0.39%	5	0	3	0	0	0	0	0	0	2	0	0	0
98596	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98597	18	3.53%	65	7	0	0	5	0	0	0	4	3	0	0	0
98604	1	0.20%	0	5	0	0	0	0	0	0	0	0	0	0	0
98606	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98607	1	0.20%	1	0	0	0	0	0	0	4	0	0	0	0	0
98625	1	0.20%	4	0	0	0	0	0	0	0	0	1	0	0	0
98632	1	0.20%	0	4	0	0	0	0	0	0	0	1	0	0	0
98674	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98682	2	0.39%	9	0	0	0	0	0	0	0	1	0	0	0	0
98684	1	0.20%	0	3	0	0	0	0	0	0	1	1	0	0	0
98801	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98858	1	0.20%	0	0	0	0	0	0	0	0	3	0	0	0	0
98902	1	0.20%	3	0	0	0	0	0	0	0	1	3	0	0	0
98942	1	0.20%	6	0	0	0	0	0	0	0	0	0	0	0	0